

P50

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|--------------|------------|----------------|--------------|------------|----------------|
| SSSSSSSSSSSS | 0000000000 | RRRRRRRRRRRR | TTTTTTTTTTTT | 3333333333 | 2222222222 |
| SSSSSSSSSSSS | 0000000000 | RRRRRRRRRRRR | TTTTTTTTTTTT | 3333333333 | 2222222222 |
| SSSSSSSSSSSS | 0000000000 | RRRRRRRRRRRR | TTTTTTTTTTTT | 3333333333 | 2222222222 |
| SSS | 000 | 000 RRR | TTT | 333 | 222 |
| SSS | 000 | 000 RRR | TTT | 333 | 222 |
| SSS | 000 | 000 RRR | TTT | 333 | 222 |
| SSS | 000 | 000 RRR | TTT | 333 | 222 |
| SSS | 000 | 000 RRR | TTT | 333 | 222 |
| SSS | 000 | 000 RRR | TTT | 333 | 222 |
| SSS | 000 | 000 RRR | TTT | 333 | 222 |
| SSS | 000 | 000 RRR | TTT | 333 | 222 |
| SSSSSSSSSS | 000 | 000 RRRRRRRRRR | TTT | 333 | 222 |
| SSSSSSSSSS | 000 | 000 RRRRRRRRRR | TTT | 333 | 222 |
| SSSSSSSSSS | 000 | 000 RRRRRRRRRR | TTT | 333 | 222 |
| SSS | 000 | 000 RRR RRR | TTT | 333 | 222 |
| SSS | 000 | 000 RRR RRR | TTT | 333 | 222 |
| SSS | 000 | 000 RRR RRR | TTT | 333 | 222 |
| SSS | 000 | 000 RRR RRR | TTT | 333 | 222 |
| SSS | 000 | 000 RRR RRR | TTT | 333 | 222 |
| SSS | 000 | 000 RRR RRR | TTT | 333 | 222 |
| SSSSSSSSSSSS | 0000000000 | RRR RRR | TTT | 3333333333 | 22222222222222 |
| SSSSSSSSSSSS | 0000000000 | RRR RRR | TTT | 3333333333 | 22222222222222 |
| SSSSSSSSSSSS | 0000000000 | RRR RRR | TTT | 3333333333 | 22222222222222 |

SOR

508

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—LI

SSSSSSSS SSSSSSSS FFFFFFFF FFFFFFFF KK KK EEEEEEEEEE YY YY WW WW RRRRRRRR DDDDDDD
SSSSSSSS SSSSSSSS FFFFFFFF FFFFFFFF KK KK EEEEEEEEEE YY YY WW WW RRRRRRRR DDDDDDD
SS FF KK KK EEE YY YY WW WW RR RR DD DD
SS FF KK KK EEE YY YY WW WW RR RR DD DD
SS FF KK KK EEE YY YY WW WW RR RR DD DD
SS SSSSSS FFFFFFFF KKKKKK EEEEEE YY YY WW WW RRRRRRRR DD DD
SS SSSSSS FFFFFFFF KKKKKK EEEEEE YY YY WW WW RRRRRRRR DD DD
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SS SSSSSSSS FF KK EEEEEEEEEE YY YY WW WW RR RR RR DDDDDDD
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LL IIIII SSSSSSS
LL IIIII SSSSSSS
LL SS SSSSS
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LLLLLLLLLL IIIII SSSSSSS

0001 0 File: SFKEYWRD.REQ IDENT = 'V04-000' ! File: SFKEYWRD.REQ Edit: PDG3006
0002 0
0003 0 *****
0004 0 *
0005 0 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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0022 0 *
0023 0 * *****
0024 0
0025 0
0026 0
0027 0 ++
0028 0
0029 0 FACILITY: VAX-11 SORT / MERGE
0030 0 PDP-11 SORT / MERGE
0031 0
0032 0 ABSTRACT:
0033 0
0034 0 Require file to define spec file keywords.
0035 0
0036 0 ENVIRONMENT: VAX/VMS user mode
0037 0
0038 0 AUTHOR: V. Bennison
0039 0
0040 0 MODIFIED BY:
0041 0
0042 0 T03-002 Peter D Gilbert
0043 0 Add ZONED, change PACKED to PACKED DECIMAL. PDG 10-Jan-1983
0044 0 T03-003 Add CDD_PATH NAME and PAD. PDG 8-Feb-1983
0045 0 T03-004 Correct spelling of TRAILING SIGN. PDG 2-Mar-1983
0046 0 T03-005 Change DEC_MULTINATIONAL to MULTINATIONAL. PDG 13-Apr-1983
0047 0 T03-006 Add DTTYPE. 19-May-1983
0048 0 --

0049 0 | This require file contains the symbolic names and strings that define the
0050 0 | PDP-11 SORT/MERGE Version 3.0 specification file keywords. This file is
0051 0 | required by module \$SFWRD, the specification file keyword module.
0052 0
0053 0 | The text appears in the following format: under the KEYWORDS MACRO
0054 0 | definition are a number of sets of two strings. The first string in
0055 0 | each set is the symbolic keyword name. This will be assigned a sequential
0056 0 | number at compile time. The second string is the actual keyword used by the
0057 0 | parser. Note that some actual keywords may be prefixes of other keywords
0058 0 | (for example, ASCII and ASCII_FLOATING, LE and [LEADING_SIGN]).
0059 0
0060 0 | ***** TRANSLATION INSTRUCTIONS *****
0061 0
0062 0 | Specification file keywords for PDP-11 SORT/MERGE may be translated into
0063 0 | foreign languages. In order to do this, the keyword string, the second
0064 0 | string in each of the following sets, should be translated. \$SFWRD may then
0065 0 | be recompiled using BLISS-16. PDP-11 SORT/MERGE should then be rebuilt with
0066 0 | the task-builder.
0067 0
0068 0 | CAUTION - CAUTION - CAUTION - CAUTION - CAUTION - CAUTION
0069 0
0070 0 | ONLY THE KEYWORD STRING MAY BE TRANSLATED. IF THE FIRST STRING IN EACH
0071 0 | SET, THE SYMBOLIC MESSAGE NAME, IS CHANGED, THE PDP-11 SORT/MERGE
0072 0 | SPECIFICATION FILE PARSER WILL NOT OPERATE CORRECTLY.
0073 0
0074 0 | RESTRICTION: THE MAXIMUM LENGTH OF ANY KEYWORD IS 256 BYTES. THIS IS
0075 0 | BECAUSE THE MESSAGE TEXT MODULE USES THE BLISS XASCIC FUNCTION TO BUILD
0076 0 | COUNTED STRINGS.
0077 0
0078 0 | CHANGING THE LENGTH OF THE KEYWORD STRINGS WILL HAVE AN AFFECT ON THE
0079 0 | SIZE OF THE FINAL TASK. MANY LONG STRINGS MAY MAKE THE FINAL SORT/MERGE
0080 0 | TASK LARGER THAN THE TASK ORIGINALLY SHIPPED.
0081 0

0082 0
0083 0
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0085 0
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0089 0
0090 0
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; M 0138 0

NOTE - THE SYMBOLIC KEYWORD NAME MUST NOT EXCEED 6 BYTES
PLEASE USE THE EXAMPLE PRESENTED BELOW AS A GUIDE FOR FORMATTING LINES
'DUMMYA', 'DUMMY MESSAGE FOR FORMATTING GUIDE'.

MACRO

KEYWORDS =

| | | |
|---------|----------------------|--------------------------|
| 'PROC' | 'PROCESS' | process |
| 'RECD' | 'RECORD' | record sort process |
| 'TAG' | 'TAG' | tag sort process |
| 'ADDR' | 'ADDRESS' | address sort process |
| 'INDX' | 'INDEX' | index sort process |
| 'STAB' | 'STABLE' | stable |
| 'NOST' | 'NOSTABLE' | no stable |
| 'CHSQ' | 'CHECK SEQUENCE' | check sequence |
| 'NOCH' | 'NOCHECK SEQUENCE' | no check sequence |
| 'COLL' | 'COLLATING SEQUENCE' | collating sequence |
| 'SEQU' | 'SEQUENCE' | sequence |
| 'ASC' | 'ASCII' | ascii collating sequence |
| 'EBC' | 'EBCDIC' | ebcdic |
| 'DEC' | 'MULTINATIONAL' | multinational |
| 'MODF' | 'MODIFICATION' | modification |
| 'IGNO' | 'IGNORE' | ignore |
| 'FOLD' | 'FOLD' | fold |
| 'TIEB' | 'TIE BREAK' | tiebreak |
| 'NOTI' | 'NOTIE BREAK' | no tiebreak |
| 'FIEL' | 'FIELD' | field |
| 'NAME' | 'NAME' | name |
| 'SIZE' | 'SIZE' | size |
| 'POSI' | 'POSITION' | position |
| 'DIGI' | 'DIGITS' | digits |
| 'ASCF' | 'ASCII-FLOATING' | ascii floating data type |
| 'ASCZ' | 'ASCII-ZONED' | ascii zone data type |
| 'BINA' | 'BINARY' | binary data type |
| 'CHAR' | 'CHARACTER' | character |
| 'DEC1' | 'DECIMAL' | decimal |
| 'DIBO' | 'DIBOL' | dibol |
| 'FFLT' | 'F-FLOATING' | f floating |
| 'DFLT' | 'D-FLOATING' | d floating |
| 'GFLT' | 'G-FLOATING' | g floating |
| 'HFLT' | 'H-FLOATING' | h floating |
| 'PACK' | 'PACKED-DECIMAL' | packed decimal |
| 'ZONE' | 'ZONED' | zoned |
| 'SIGN' | 'SIGNED' | signed |
| 'UNSI' | 'UNSIGNED' | unsigned |
| 'LEAD' | 'LEADING SIGN' | Leading sign |
| 'TRAI' | 'TRAILING SIGN' | trailing sign |
| 'OVER' | 'OVERPUNCHED SIGN' | overpunched sign |
| 'SEPA' | 'SEPARATE-SIGN' | separate sign |
| 'INCL' | 'INCLUDE' | include |
| ' OMIT' | ' OMIT' | omit |
| 'KEY' | 'KEY' | key |
| 'IF' | 'IF' | if |
| 'THEN' | 'THEN' | then |
| 'ELSE' | 'ELSE' | else |

M 7
16-Sep-1984 00:20:26
15-Sep-1984 22:49:53

VAX-11 Bliss-32 v4.0-742
_S255\$DUA28:[SORT32.SRC]SFKEYWRD.REQ:1 (3)

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| | | | | |
|----------|---------|-----------------|---|--------------------------------|
| M 0139 0 | 'ASCE', | 'ASCENDING' | , | ascending |
| M 0140 0 | 'DESC', | 'DESCENDING' | , | descending |
| M 0141 0 | 'DATA', | 'DATA' | , | data |
| M 0142 0 | 'COND', | 'CONDITION' | , | condition |
| M 0143 0 | 'TEST', | 'TEST' | , | test |
| M 0144 0 | 'EQ', | 'EQ' | , | equal |
| M 0145 0 | 'NE', | 'NE' | , | not equal |
| M 0146 0 | 'LE', | 'LE' | , | less than or equal |
| M 0147 0 | 'LT', | 'LT' | , | less than |
| M 0148 0 | 'GE', | 'GE' | , | greater than or equal |
| M 0149 0 | 'GT', | 'GT' | , | greater than |
| M 0150 0 | 'AND', | 'AND' | , | and |
| M 0151 0 | 'OR', | 'OR' | , | or |
| M 0152 0 | 'WORK', | 'WORK FILES' | , | work_files |
| M 0153 0 | 'CDD', | 'CDD PATH_NAME' | , | cdd_path_name |
| M 0154 0 | 'PAD', | 'PAD' | , | pad |
| M 0155 0 | 'DTYP', | 'DTYPE' | , | dtype |
| M 0156 0 | 'UNKN', | ': %; | | ! LAST KEYWORD - DO NOT CHANGE |

COMMAND QUALIFIERS

BLISS SRC\$:SFKEYWRD/LIS=LIS\$:SFKEYWRD/LIB=SRC\$:SFKEYWRD

Run Time: 00:01.1
Elapsed Time: 00:05.3
Lines/CPU Min: 8357
Lexemes/CPU-Min: 14678
Memory Used: 11 pages
Library Precompilation Complete

0363 AH-BT13A-SE
VAX/VMS V4.0

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SORCOMMAND
LIS

LIBFIXUPD
LIS

REQSYM
R32

CRETRANS
LIS

SFKEYWRD
LIS

OPCODES
LIS

SORCOLLAT
LIS

SORARCHAT
LIS

SORCOLUTI
LIS